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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927320008-0

KUI AGIN, I. I.; BRYKOVA, Z. I.

Medical Instruments and Apparatus

Work experience of the ampoule shop at the N. A. Semashko Plant. Med. prom. no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

PA 11T1

KULAGIN, I.

USSR/Aircraft, Jet Propelled Jet engines Feb 1947

"Aircraft Jet Propulsion Engines," I. Kulagin, 10 pp

"Vestnik Vordushnogo Flota" Vol XXIX, No 2

Discusses the fundamental principles of the system, traction characteristics, economy, specific weight and forward pull, accelerating the TKVRD and increasing its economy. Deals with the TKVRD, PVRD, PuVRD, ing its economy, giving 13 graphs of operating data and various mathematical formulae.

11T1

KULAGIN, I.

PA 6876

USER/Aeronautics

Jet Engines

Rooket Motors

"Our Nation - The Birthplace of Rocket and Jet Technology," Col I. Kulagin, Engr, Cand Tech Sci, 6 pp

"Vest Vordush Flota" No 4 (350)

USER again leads nations of world in field of discovery. As early as 1927 Tsickovskiy set up plans for a laboratory in which rocket motors could be built and tested. This also holds true for jet engines. Author closes with statement that since Russia was first to study rocket motors, Soviet pilots are leaders in field of jet plane maneuvers.

FDB

6816

KULAGIN, I.I.

PHASE I.

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 204-I

BOOK

Call No. TJ778.K8

Author: KULAGIN, I.I., Professor, Doctor of Technical Science Full Title: Theory of Gas Turbine Reaction Engines

Transliterated Title: Teoriya gazoturbinnykh reaktivnykh dvigateley

Publishing Data

Originating Agency: None

Publishing House: State Publishing House of the Defense Industry (Oborong Date: 1952 No. pp: 336 No. of copies: Not given

Editorial Staff:

Editor: None

Editor-in-Chief: None

Tech. Ed.: None Appraiser: None

Others: Thanks for valuable assistance are expressed to Kazandzhan, P.K.

Dotsent, and Tyutyunov, V.A., Engineer

Text Data

Coverage:

This is a textbook written in accordance with the program of a course on the theory of gas turbine reaction engines. The author first outlines the basic information on thermodynamics and dynamics of gases, and then considers the operational processes and calculations of reaction turbine engines (RTE), and of their main components such as compressors, combustion chambers, impellers, and exhaust nozzles. Characteristics of RTE, of turbo-propellor engines, and of RTE with ducted fan and thrust augmenters are also included. During the first 1/2 -

Teoriya gazoturbinnykh reaktivnykh dvigateley

AID 204-I

perusal of the book no special or original features were noticed. However, the book contains many varied topics and therefore further study might be advisable.

Purpose: Approved as a textbook for technical schools of motor construction.

It can be used by aviation technicians and also as a manual for persons interested in the theory of gas turbine reaction engines, who did not have a previous special technical education.

Facilities: 20 names of scientists and inventors mentioned in the historical introduction.

No. of Russian and Slavic References: 3 prior to 1939, 13 after this date. Available: Library of Congress

2/2

KULAGIN, Ivan Ivanovich, professor, doktor tekhnicheskikh; TTUTYUNOV,
V.A., inzhener, retsenzent; KVASNIKOV, L.A., dotsent, kandidat
tekhnicheskikh nauk, redaktor; SOKOLOV, A.I., inzhener, redaktor;
BOGOMOLOVA, M.F., redaktor; ZUDAKIN, I.M., tekhnicheskiy redaktor.

[Theory of turbojet airplane engines] Teoriia aviatsionnykh gazoturbinnykh dvigatelei. Isd. 2-e, ispr. i dop. Moskva, Gos.ixd-vo oboronnoi promyshlennosti, 1955. 406 p. (MLRA 8:10) (Airplanes--Turbojet engines)

I. I. KULAGIN

Teoriya aviatsionnykh gazoturbinnykh dvigateley (Theory of Aircraft Gas Turbine Engines). 1955, 497 p.

p. 189-205.

CIA-RDP86-00513R000927320008-0 "APPROVED FOR RELEASE: 08/23/2000

heele gin

AID P - 4655

Subject

: USSR/Aeronautics - bibliography

Card 1/1

Pub. 135 - 21/26

Author

Kulagin, I. I., Eng.-Col.

Title

: Textbook on aviation gas-turbine engines

Periodical: Vest. vozd. flota, 5, 86-87, My 1956

Abstract

: Critical review of the textbook "Aviation gas-turbine engines" by N. V. Inozemtsev, published by the Publishing House of the Defense Industry, Moskva, 1955, 352 pages.

Institution: None

Submitted : No date

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927320008-0

AID P - 5139

Subject : USSR/Aeronautics - education

Pub. 135 - 24/26 Card 1/1

: Pyshnov, V. S., Hon. scientist, I. I. Kulagin, Dr. of techn. sci. and others. Authors

: Central museum for the Air Force Title

Periodical: Vest. vozd. flota, 10, 87-88, 0 1956

: It is suggested by a number of scientists that the Air Abstract

Force should have its own central museum.

Institution: None

Submitted : No date

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927320008-0

KULAGIN, I.I.

"Theory of turbojet airplane engines." Vest. Vozd. Fl. 38 no. 2:88 F '56.
(Airplanes.-Turbojet engines)

(NURA 9:7)

26(3A, 4)

PHASE I BOOK EXPLOITATION

807/1398

Kulagin, Ivan Ivanovich, Doctor of Technical Sciences, Professor

Teoriya aviatsionnyth dvigateley (The Theory of Aviation Engines) od ed., rev.
and enl. Moscow. Oborongiz, 1958. 478 p. 10,000 copies pointed.

Ed.: Yanovskiy, I. L., Engineer; Ed. of Publishing House: bogomolova, M. F.; Tech. Ed.: Pukhlikova, N. A.; Managing Ed.: Sokolov, A. I., Engineer.

PURPOSE: This book is approved by the Ministry of Higher Education, USSR, as a textbook for students of aviation tekhnikums. It may also be useful to workers specializing in aviation engineering.

COVERAGE: The book, which is the third edition of this title, contains materials for a general course in the theory of aviation engines of various types. It covers fundamentals of the theory, heat and gas dynamic analysis, special features of the working processes and characteristics of aircraft gas turbine engines (turbojets, turboprops, and double-flow turbojets) and their basic components; intake apparatus, compressors, combustion chambers, turbine and exhaust nozzles. The paratus, operational conditions, and characteristics of light-fuel airbasic theory, operational conditions, and characteristics of light-fuel airbasic tengines are also briefly described. The third edition contains a newly

Card 1/10

00513R0009273200

KVASNIKOV, Aleksandr Vasil'yevich, prof.Prinimala uchastiye KLOCHKOVA, L.L., starshiy prepodavatel KULAGIN, I.I., otv. (nauchnyy) red.; KRUGOVA, Ye.A., red.; ERASTOVA, N.V., tekhn.red.

> [Theory of liquid propellant rocket engines] Teoriia shidkostnykh raketnykh dvigatelei. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. Pt.1. 1959. 541 p. (MIRA 12:12) (Airplanes-Rocket engines)

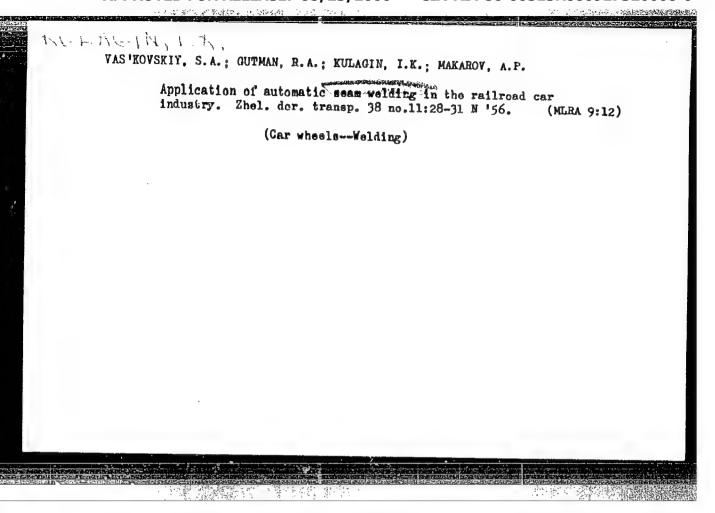
(Rockets--Aeronautics)

ZHIRITSKIY, Georgiy Sergeysvich Dirof LOKAY, Viktor Iosifovich;

MAKSUTOVA, Makhfuzya Karimovna; STRUNKIN, Valentin
Aleksandrovich; GUROV, A.F., doktor tekhn. nauk, prof.,
retsenzent; KHOLSHCHEVNIKOV, K.V., doktor tekhn. nauk,
prof., retsenzent; KULAGIN, I.I., doktor tekhn.nauk, prof.,
retsenzent; LEPESHINSKIY, I.A., inzh., red.; BOGOMOLOVA,
M.F., red.izd-va; NOVIK, A.Ya., tekhn. red.

[Gas turbines of alreraft, engines] Gazovye turbiny aviatsionnykh dvigatelei. Moskva, Oborongiz, 1963. 604 p. (MIRA 16:9)

(Gas turbines) (Airplanes Engines)



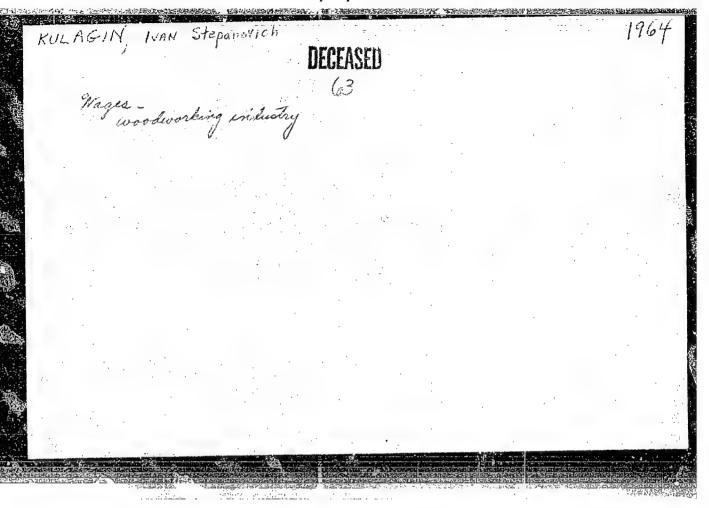
KULAGIN, I.K., kand. tekhn. nauk (Kiyev); RYABCHIY, V.F., inzh. (Kiyev)

Experience in operating rectifiers with compensation and generation of reactive power. Elek. 1 tepl. tiaga 3 no.1:32-33 Ja '59.

(MIRA 12:2)

1. Machal'nik fluzhby elektrifikatsii i energeticheekogo khozyaystva Yugo-Zapadnoy dorogi (for Kulagin).

(Mercury-arc rectifiers)



(8)را

SOV/107-59-4-40/45

AUTHOR:

Kulagin, L.

TITLE:

The Measuring of Sound Frequencies by the Dual Circular Scanning Method (Izmereniye zvukovykh chastot

metodom dvoynoy krugovoy razvertki)

PERIODICAL:

Radio, 1959, Nr 4, pp 57 - 58 (USSR)

ABSTRACT:

The author suggests a method for measuring sound frequencies by an EO-7 oscillograph with dual circular scanning. The reference frequency voltage and the voltage to be investigated are applied at the devoltage to be investigated are applied at the deflection plates of the oscillograph after their phases were shifted by 90° in phase shifting devices, whereby two circular scans of opposite rotation direction are obtained. The sound frequency is determined according to the figures appearing on the screen of the oscillograph by the following formula:

Card 1/2

SOV/107-59-4-40/45

The Measuring of Sound Frequencies by the Dual Circular Scanning Method

$$\frac{\mathbf{F}_1}{\mathbf{F}_2} = \frac{\mathbf{N}_1 - \mathbf{N}_2}{\mathbf{N}_2}$$

whereby F_1 and F_2 are the frequencies to be compared; N_1 is the number of lobes of the figure; $N_2 = m + 1$; m is the number of intersected lobes when the beam moves from one lobe to the other. The two circular scans are obtained by a simple additional unit whose circuit diagram is shown by Figure 3 and which is attached to the oscillograph. There are 4 photos, 1 graph and 1 circuit diagram.

Card 2/2

KULAGIN, L.V., kand. tekhn. nauk

Study of the operation of two-stage burners. Teploenergetika 10 no.11:39-41 N '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhelezno-dorozhnogo transporta.

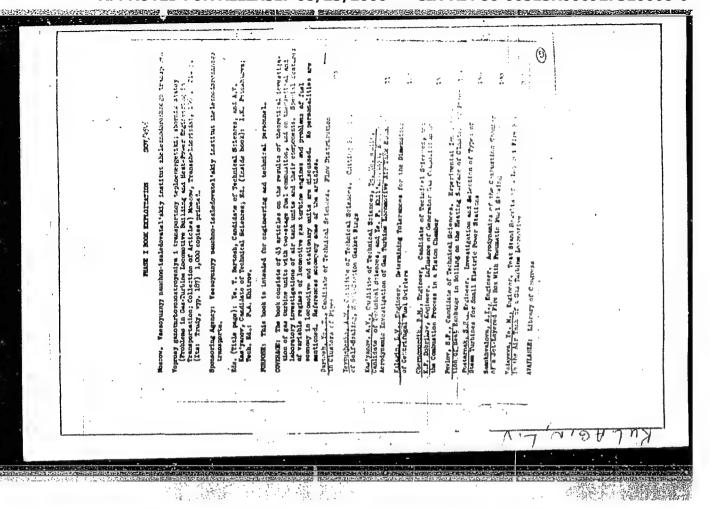
KULAGIN, L.V. inzh.

Determining the jet angle resulting from the flow of fuel from centrifugal pumps. Vest.TSNII MPS 18 no.2:40-44 Kr '59. (MIRA 12:6)

(Jets--Fluid dynamics) (Centrifugal pumps)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927320008-0

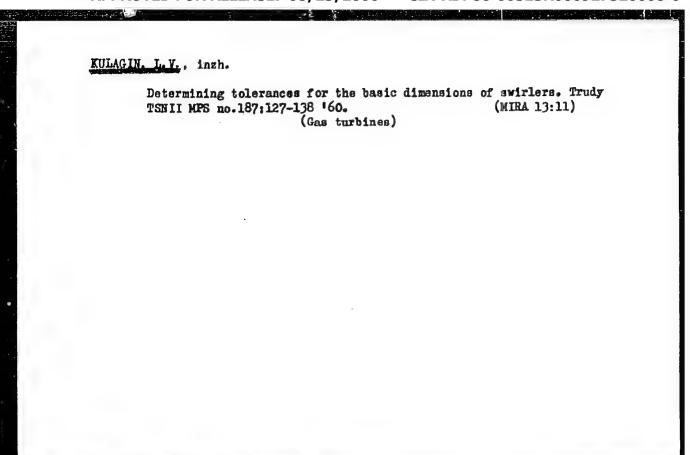


KULAGIN, L.V., inzh.

Methods for measuring dimensions of drops during atomization.
Vzaim.i tekh.izm v mashinostr.; mezhvuz.sbor. no.2:442-462 '60.
(MIRA 13:8)

(Atomization—Measurement)

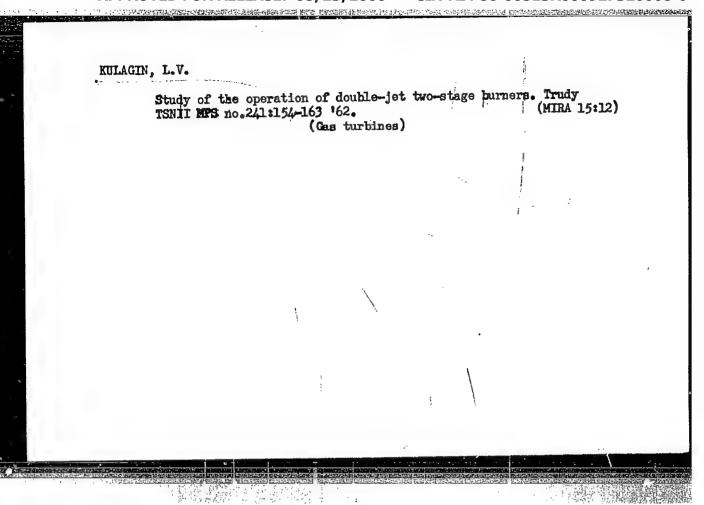
Effect of changes in the geometrical dimensions of the jet on the fineness of atomization. Vest. TSNII MPS 17 [i.e. 19] no.7: 28-31 '60. (Fuel pumps)



nn stelletterti

Characteristics of the evaluation of the fineness of fuel atomization.
Trudy TSNII MPS no.214:103-114 61. (MIRA 14:8)

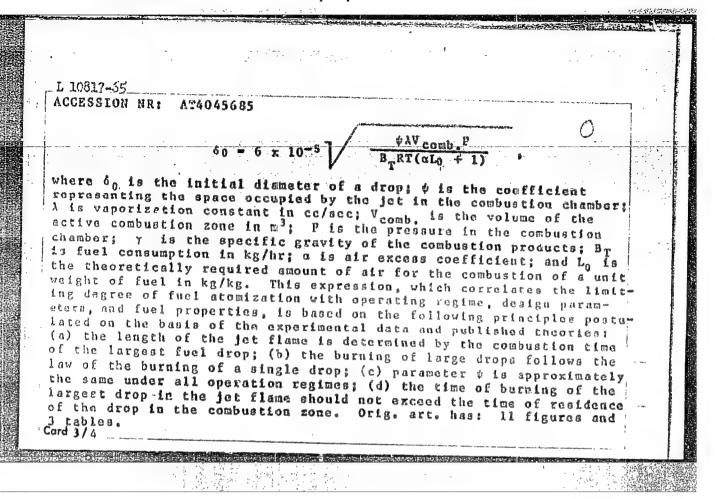
(Liquid fuels) (Atomization)



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L 10817-65 EWT(m)/EPF(g)/EP&iw)-2/T Pr-4/Pab-21; RAEM(1)/AFETH/ASD ACCRESION HM/HM/JW/WE	E B
ACCESSION NR: AT4045685 S/2917/64/000/264	/0005/0019
AUTHOR: Kulagin, L. V. (Candidate of technical sciences); Okhotnikov, S. S. (Engineer)	
TITLE: Substantiation of the requirements for the quality atomization of liquid fuel in combustion chambers with high jet atomizers	of the -pressure
SOURCE: Moscow. Vsesoyuzny*y nauchno-issledovatel skiy in zheleznodorozhnogo transporta. Trudy*, no. 264, 1964. Rat ny*ye metody* szhiganiya zhidkogo topliva i prirodnogo gaza methods of liquid fuel and natural gas combustion), 5-19	and the second contract of the second contract of the second
TOPIC TAGS: fuel atomization, jet atomizer, locomotive combander, diesel fuel, coal distillate, combustion efficiency	bustion /
ABSTRACT: To substantiate design requirements for high-presatomizers of heavy liquid fuels, the effect of the degree of tion on the combustion efficiency has been studied experiment burning a diesel fuel and a consact coal coking distillate motive combustion chamber under various operation conditions	t atomiza- ntally by
Card 1/4	

L 10817-65 ACCESSION NR: AT4045685 run, 25, 50, and 100% load). Analysis of the curves obtained for the gree of atomization (nz) we the engine load (N) and we the defor the two fuels increased with increasing load to a value of completeness of combustion 0.96~0.98 at a load of 100%. All other conditions being equal, the completeness of combustion of the distillate was lower than that of completeness of combustion of the distillate was lower than that of the diesel fuel. This is attributed to the difference in the vaporidecreased with increasing diameter of the atomized fuel drops. This case of the diesel fuel. The effect of the degree of atomization on the completeness of combustion dependence was more marked in the case of the distillate than in the the completeness of combustion decreased with increasing load. The chanical causes (poor atomization) decreased with increasing load. The process of mixture formation (atomization, vaporization) and the burning of drops) is the limiting factor in the burning of heavy published theories the full with meaning and the aview of	
of fuel atomization:	
Card 2 / 4	



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L 8500-65 EPA/EPR/ Par-L/Pa-L-APTO(a)/ASD(b)-3/AFETR/APDC(a)/ASD RSD/AFWI/SSD/AEDC(b)/AFMD(t)/ESD(t) ACCESSION NR: AT4045686 \$/2917/64/000/264/0020/0029

AUTHOR: Kulagin, L. V. (Candidate of technical sciences); Okhotnikov, S. S. (Engineer); Acrozov, B. M. (Engineer) TITLE: Selection of an efficient design pattern for a pneumatic

sprayer

SOURCE: Hoscow. Vsesqyuzny*y nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta. Trudy, no. 264, 1964. Ratsional ny kye metody* szhiganiya zhidkogo topliva i prirodnogo gaza (Efficient methods of liquid fuel and natural gas combustion), 20-29

10PIC TAGS: aerodynamics, propulsion, pneumatic sprayer, combustion chamber sprayer, air fuel ration, turbulent flow, whirl, flame angle, atomizer

ABSTRACT: The Tsentral my*y nauchno-issledovatel skiy in stitut Ministerstva putey soobshcheniya (Central Scientific Besearch Institute of the Ministry of Communications) has conducted a series of tests, both on laboratory stands and under normal operating conditions, of sprayers used in heating furnaces, hearths, railroad heating systems. and combustion chambers of gas-turbine locomotives. It was found

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927320008-0

E 8500-65 ACCESSION NR: AT4045686 that droplets averaging 100-150 u in size can be obtained with com bustion-chamber and hearth sprayers. These sprayers also yielded good results when tested under operating conditions, though all of them showed a rather high rate of air flow (0.3-0.8 kg per 1 kg fuel) Air sprayers consuming a minimum of anergy should meet the following requirements: 1) reduced fuel jet width; 2) maximum relative velocity at the fuel-air coundary; 3) increased surface contact between fuel and spray air; 4) optimum air jet thickness; 5) increased turbulence of air jets; 6) angular direction of the air flow towards the fuel flame; and 7) the possibility of establishing the flame angle needed. The authors believe that a sprayer that would meet these requirements should have fuel supplied between two air jets, and should make use of the contribugal effect arising when an eddying fuel stream issues from the nozzle. Orig. art. has: 9 figures and 8 formulas. ASSOCIATION: none SUBHITTED: 30 ATD PRESS: 3104 ENCL: 00 SUB CODE: PR ME KO REP SOV: 013

ASD((1)/AEDS(a)/AFMDC WW/JW/WE S/2917/64/000/264/0030/0040²

AUTHOR: Kulegin, L. V. (Camilidate of technical sciences); Dobrikov, K. P. (Engineer); Okhotnikov, S. J. (Engineer)
TITLE: Analysis of mathods of determining fuel losses due to recharically deficient combustion

SOURCE: Moseow. Vsesoyuzny*y naushno-issledovatel*skiy institut shelesnodorozhroge transporta. Trudy*, no. 264, 1964. Rateional*ny*ye metody* szhiganiya zwidkogo topliva i prirodnogo gaza (Efficient methode of liquid fuel and ratural

TOPIC TAGS: incomplete combustion, fuel loss , mechanical combustion deficiency, the terming process, liquid fuel heater, service resistance, heat transfer

ABSTRACT: Various methods used in the determination of incomplate combustion are reviewed. If is asserted that, in comparison to other methods for heat-engineering measurements, these methods have not been developed thoroughly enough. The two most promising processes are said to be the optical method and the separate-

Card 1/2

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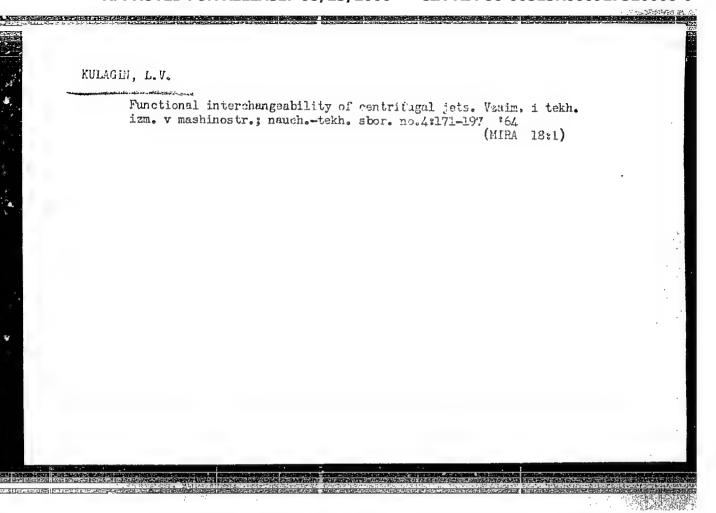
afterburning method. The former can be used without expensive apparatus and yields results which require no additional processing. The latter could be used for a more circumstantial study of losses due to mechanically deficient combustion, provided the device used for burning of the combustion products is further improved. Orig. art. has: 1 table, 5 figures, and 19 formulas.

ASSICIATION: Veceously*y mauchno issledowatel skiy institut z meleznodorozhmogo transporta (All Union Scientific Research Institute of Railroad Transportation)

ATE FIESS: 1107

SUB CODE: FP NO REF SOV: 003 OTHER: 000

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927320008-0



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- I. KULAGIN, M.
- 2. USSR (600)
- 4. Collective Farms
- 7. Triumph of the Stalin collective farm system. Kolkh. proizv. 12, no. 11, 1952,

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

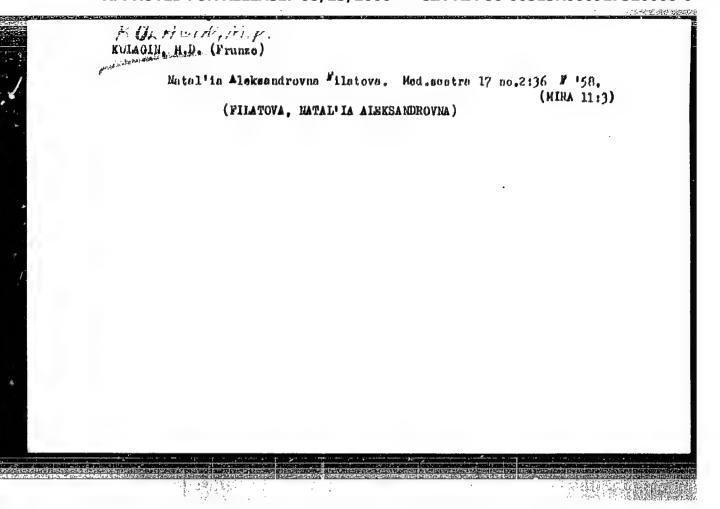
"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927320008-0

KULAGIN, M.

Artel

Strictly observe the regulations of the agricultural artel and protect communal property. Sots. sel'khoz., 23, No. 7, 1952.

9. Menthly List of Russian Accessions, Library of Congress, October, 1952 1993, Uncl.



Mill Molly, Molly, kand, to-bha, nauk

iffert of various types of rails on the residual deformations in the ballast bed. Trudy TINII MES no. 292:5-18 65.

Using grinding to eliminate unevenness on the roller face of rails.

1bid.:79-103 (MIRA 18:10)

KULAGIN, M. I.

KULAGIN, M. I. — "The Influence of an Isolated Smooth Unevenness on the Work of the Elements of the Upper Structure of a Railroad Track." Min Railways USSR, All-Union Sci Res Inst of Railroad Transport, Moscow 1955. (Dissertations for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis: No. 39, 24 Sept 55

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927320008-0

KULAGIN, M.I., kandidat tekhnicheskikh nauk.

Repairing rail joints by grinding and build-up. Put.i put.khoz. no.4:11-12 '57. (MLRA 10:5)
(Railroads--Rails)

KULAGIN, Mikhail Ivanovich; LESEVITSKIY, Nikolay Mikolayevich;

NAUMENKO, Valentin Sergeyevich; OVECHNIKOV, Yevgeniy

Vasil'yevich, kand, tekhn. nauk; SOSYANTS, V.G., red.;

TIKHONOVA, I.A., red. izd-va; LELYUKHIN, A.A., tekhn. red.

[Rail corrugation] Volnoobraznyi iznos rel'sov. Pod red.

E.V.Ovechnikova. Moskva, Izd-vo kommun.khoz.RSFSR, 1963.

177 p. (MIRA 16:11)

(Railroads--Rails)

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927320008-0

KULAGIN, M. O.

26635 Legochnaya ventilyatsiya pri netuberkuleznykh zabolevaniyakh legkikh. Trudy fak. Terapevt. Kliniki (Ivan Gos, Med. In-T), vyp. 3, 1949, s. 45-53.

SO: LETOPLS' NO. 35, 1949

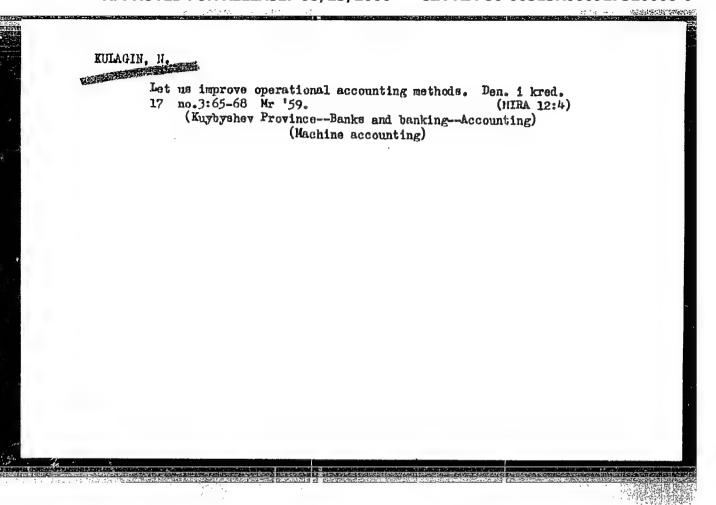
TRUNIN-DONEROY, V.N.; FIRER, A.S.; KULAGIE, M.V.

Algorithm for the recognition of a limited number of sound images. Soob. po wych. tekh. no.4:9-37 165. (MIRA 18:9)

BOBROVSKAYA, Z.: KULAGIN, N.

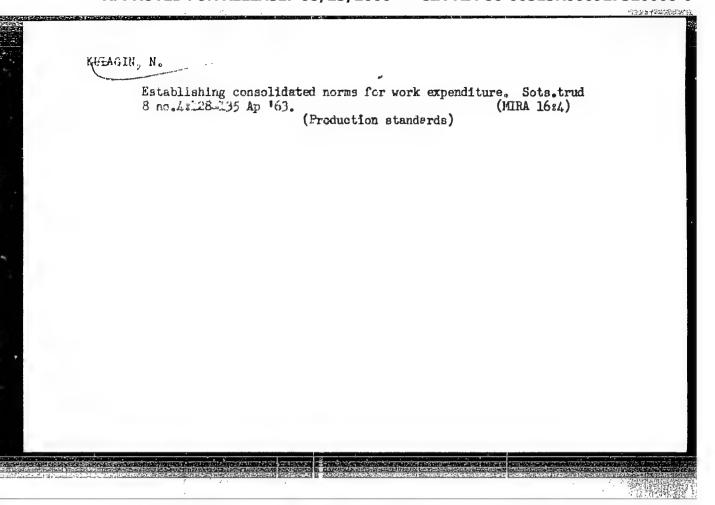
Green light for the propaganda train. Sov.profsciuzy 7 no.20:50 0 '59. (MIRA 12:12)

1. Chleny prezidiuma Dorozhnogo komiteta profsoyuza rabetnikov zheleznodorozhnogo transporta Sverdlovskoy zheleznoy dorogi.
(Railroads--Employees) (Industrial relations)



"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927320008-0



PUSHEV, G.; RUMYANTSEV, A.M., red.; KULAGIN, N., red.; GARSIA, L., red.; DARONYAN, M., mladshiy red.; NOGINA, N., tekhn. red.

[Agrarian question and the national liberation movement; materials of a discussion of Marxist agrarians held in Havana and Bucharest in July-September, 1960] Agrarnyi vopros i natsional no-osvoboditel noye dvizhenie; materialy obmena mneniiami marksistov-agrarnikov, sostoiavshegosia v iiulesentiabre, 1960 g. v Gavane i Bukhareste. Pod obshchei red. A.M. Rumiantseva. Moskva, Sotsekgiz, 1963. 531 p. (MIRA 16:6)

1. Chlen-korrespondent AN SSSR (for Rumyantsev).
(Underdeveloped areas-- Land tenure)

NAZAROVA, V., KULAGIN, N.

Practice in mechanizing savings bank operations. Den. i kred. 21 no.6:63-65 Je '63. (MIRA 16:8)

1. Nachal'nik mashinoschetnoy stantsii Saratovskoy oblastnoy kontory Gosbanka (for Nazarova). I. Glavnyy bukhgalter Saratovskoy oblastnoy kontory Godbanka (for Kulagin).

(Saratov Province—Punched oard systems—Bank deposits)

(Saratov Province—Savings banks—Accounting)

GOSTEV, V.S. (Moskva, D-284, Begovaya u.., 11, kv. 37); AZLETSKAYA, A.Ye.; SAAKOV, A.K.; GRIGOR'YAN, D.G.; CHAMOVA, K.G.; ZYKOV, Yu.V.; PERELAZNYY, A.A.; MAZINA, N.M.; KULAGIN, N.A.; MAKOVEYEVA, G.M.

Study of the antigenic properties of human tumors fractions deprived of soluble proteins. Vop. onk. 8 no.9:18-26 *62.

(MIRA 17:6)

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Electrical of consumtry in capitalistic countries after Norld Var II Moskva, Countries, 1953. No. 1.

1. Agriculture - U.S. 2 Agriculture - Europe.

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[Economic condition of the peasantry in capitalist countries]
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BUYANOV, P.S.; KARAVAYEV, A.A.; KULAGIN, N.A.; ASTAKHOV, V., red.; VALOVOY, D., red.; LEPNIKOVA, Ye., red.; MOSKVINA, R., tekhn.red.

[New stage in the development of the collective farm system]
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(Collective farms)

ZASIMOV, Nikolay, F., starshiy slesar'; KULAGIN, N.K.; SHILIN, A.A.; KISELEV, V.N.; LYSYKH, M.I.

Working day of seven hours. Elek.i tepl.tiaga 14 no.3:29 Mr '60 (MIRA 13:7)

1. Dizel'-agregatnaya brigada zagotovitel'nogo tsekha depo Likhobory Moskovskoy dorogi: (Nizhniye Likhobory--Bailroad workers) (Hours of labor)

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Characteristics of the reflex act and reception. Report No.3: Cyclic reaction of respiration and blood pressure to stimulation of muscle receptors in the rabbit. Trudy Kirov. otd. Vses. fiziol. ob-vail no.1:3-14 '60. (MIRA 14:8)

l. Kafedra fiziologii s biologicheskoy khimiyey Kirovskogo sel'skokhozyayatvennogo instituta.
(REFLEXES) (RESPIRATION) (BLOOD PRESSURE)

KULAGIN, Nikolay Nikolayevich; DUDAYEV, Pavel Ivanovich; KON'KOV,
P.S., reteenzent; DONTSOV, A.Ya., retsenzent; KOLTUNOVA,
M.P., red.; VOROTNIKOVA, L.F., tekhn. red.

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PETROCHENKO, P.F., kand.ekom.mauk; VORONIN, Ye.P.; ROZHKOVA, V.V.; POPKOV, L.V.; PRIGARIN, A.A.; KA.Lab., I.I.; KYSS, V.M.; EKHIN, F.E.; KULAGIN, N.N.; VASIL'YEV, V.F.; LISOV, V.Ye., red.; PONCMAREVA, A.A., tekhn. red.

[Organization of work and establishing work norms in industrial enterprises] Organizatsiia i normirovanie truda na promyshlennykh predpriiatiiakh. Pod obshchei red. P.F.Petrochenko. Moskva, Izdvo ekon.lit-ry, 1962. 285 p. (MIRA 15:4)

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[Economics, organization, and planning of electric transport]
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The worker's word is firm: his promises are carried out. Sov. profsoluzy 16 no.22:23-25 N '60. (MIRA 14:1)

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Investigating the antifeming properties of polyorganosiloxane compounds used for drilling fluids. lzv. vys. ucheb. zav.; neft' i gaz 7 no.3:25-30 '64. (MIRA 17:6)

1. Khar'kovskiy gosudarstvennyy universitet i UkrVNIIgaz.

BEREZHNOY, Aleksandr Ivanovich; BULATOV, Anatoliy Ivanovich; KULAGIN,
Pavel Grigoriyevich; VATOLIN, G.N., ved. red.; VORONOVA, V.V.,
tekhn. red.

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Selecting the designs of wells in order to improve the sinking of producing formations in fields having high gas pools. Izv.vys. ucheb.zav.; neft' i gaz 5 no.2:19-22 '62. (MIRA 15:7)

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Some problems relative to the tapping of producing layers in oil fields. Nauch. sap. Ukrriiproekta nq. 3170-82 '62. (MIRA 16:7)

(Tata- A.S.S.R.- Oil well drilling)

BEREZHNOY, A.I.; KULAGIN, P.G.; POTYUKAYEV, M.A.; SIMONOV, V.V.

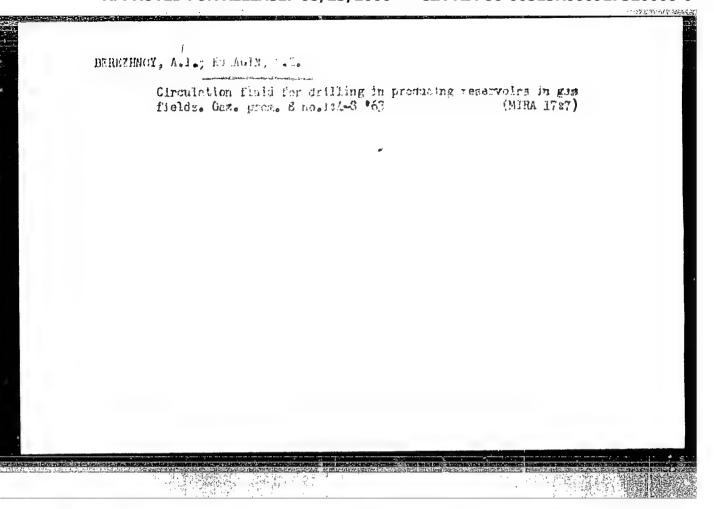
Possibilities of making clayless drilling fluids from polymeric coagulants and brines. Izv. vysh. ucheb. zav.; neft' i gaz 6 no.3:29-34 '63. (MIRA 16:7)

l. Khar'kovskiy gosudarstvennyy universitet imeni A.M. Gor'kogo, Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta gaza i iskusstvennogo zhidkogo topliva, i Khar'kovskiy sovet narodnogo khozyaystva. (Oil well drilling fluids)

BEREZHNOY, A.I.; KULAGIN, P.G.

Changing the casing of the exploitation bottom of gas wells in the successive periods of their exploitation. Izv. vys. uch. zav.; neft' i gaz 5 no.9:51-56 '62. (MIRA 17:5)

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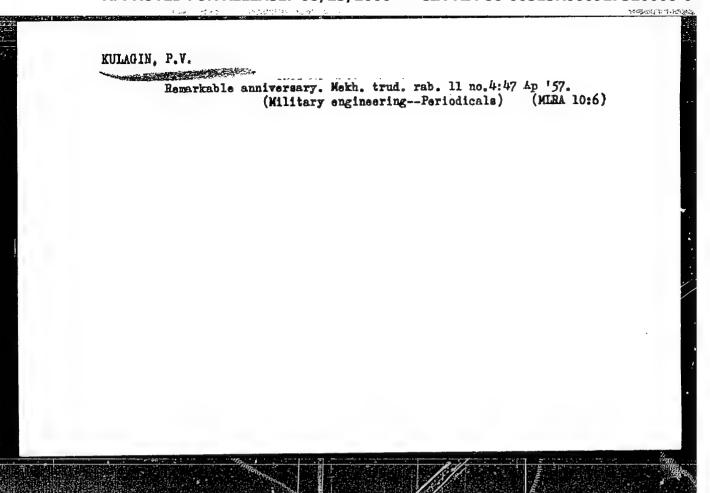
AGISHEV, A.P.; REREZHNOY, A.T.; KULAGIN, P.G.

Drilling in producing horizons of gas fields. Trudy VEIIGAZ no.19/27:113-122 *64 (MIRA 17:8)

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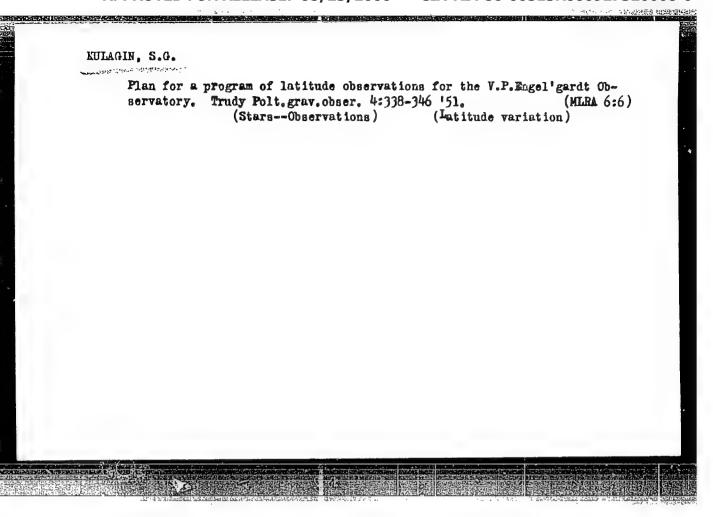
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(Astronomy--Yearbooks)

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KULAGIN, S.G.; KOVBASYUK, L.D.; DAGAYEV, M.M.; LAZAREVSKIY, V.S.; KAVERIN,
A.A.; KUKLIN, G.V.; CHERNYKH, N.S.; DEMIDOVICH, Ye.G.; BRONSHTEH,
V.A.; YAKHONTOVA, N.S. (Leningrad); PEROVA, N.B.; DOKUCHAYEVA,
O.D.; KATASEV, L.A.; MASEVICH, A.G.; SHCHERBINA-SAMOYLOVA, I.S.;
ARSENT'YEV, V.V.; FRANK-KAMENETSKIY, D.A.; LEYKIN, G.A.; SHCHEGLOV,
P.V.; PEREL', Yu.G.; BAKULIN, P.I., otv.red.; MASEVICH, A.G., red.;
PARENAGO, P.P., red.; RAKHLIN, I.Ye., red.; AKHLAMOV, S.N., tekhn.red.

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KUROCHKIN, N.Ye., red.; MASSVICH, A.G., red.; EAKHLIN, I.Ye.,
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Red.kollegiis: P.I.Bekulini dr. Moskva, Gos.izd-vo fiziko-matem.
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obshchastva (for Dagayev, Kurochkin).
(Astronomy--Yeərbooks)

KULAGIN, S.G.

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Vsesoyuznaya astrometricheshaya honferentsiya.

Trudy 14-y Astronotricheskoy konferentail ECCO, Kiyev, 27-30 maya 1958 g. (Transactions of the 14th Astronotrical Combraces of the UCCA, Held in Kiyev 27-30 May 1958) Moscow, Ind-vo AC SSSR, 1960. 450 p. Errata slip inserted. 1000 copies printed.

Sponsoring Agency: Akadamiya nauk SSSR. Glavanya astronomicheskaya observatoriya (Pulkovo).

Resp. Ed.: M. S. Zverev, Corresponding Member, Academy of Sciences USSR; Ed. of Publishing House: N. K. Zeychik; Tech. Ed.: N. A. Hemereyeva.

PURPOSE: The book is intended for entronemers and entrophysicists, particularly those interested in entropatrical research.

COVERAGE: This publication presents the Transactions of the 19th Astronotrical Conference of the USSR, held in Kiyov 27-30 May 1958. It includes 27 reports and 55 scientific papers presented at the planary meeting of the Conference

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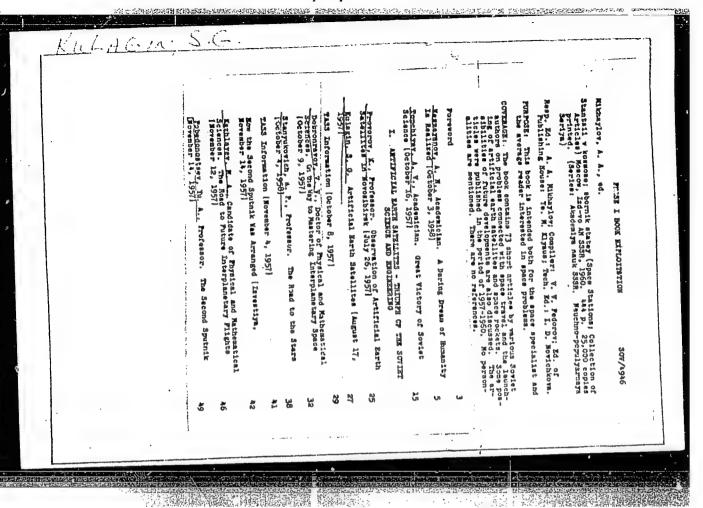
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	and at the special sectional meetings. An appendix contains the resolutions adopted by the Conference, the composition of the committees, the agends, and the list of participants at the Conference. A brief summary in English is given at the end of each article. References follow individual articles. Given at the end of each article. References follow individual articles. The Presidium of the Astrometrical Committee (Chairman M. S. Zverev), which supervised the preparation of this publication, expresses thanks to the members of the secretariat: V. M. Vasil'yev, I. G. Kol'chinskiy, A. B. Onegina, and Kh. I. Potter.		
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KULAGIN, S. G. Name

S. G. KULAGIN is the author of an article entitled "Artificial Remarks :

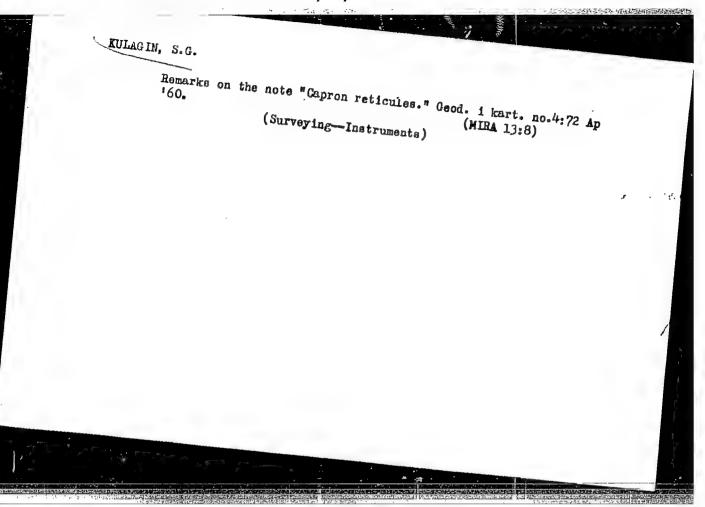
Satellites of the Earth".

M: Stantsii v Kosmose (Stations in Outer Space), a collec-Source :

tion of articles, published by the USSR Academy of Sciences, Moskva, 1960, with foreword by Academicians A. N. Nesmeyanov and A. V. Torchiyev, p. 27.

83 10

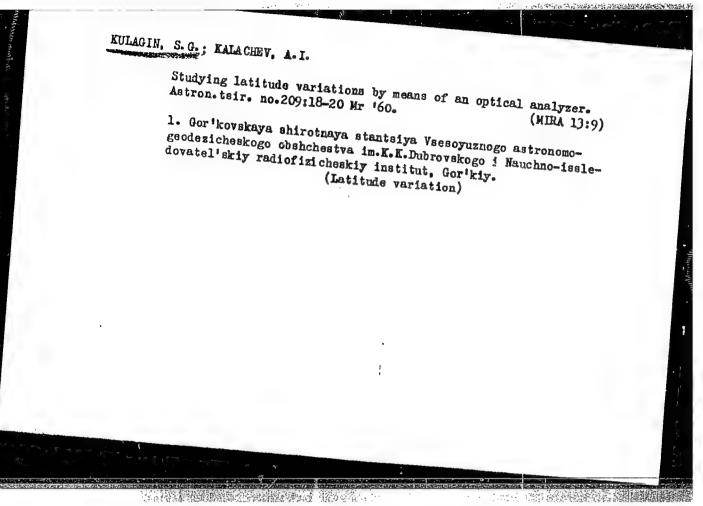
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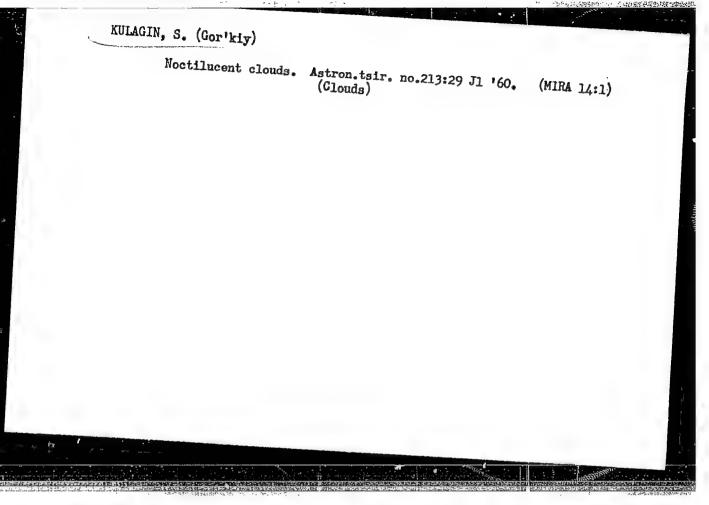


Latitude station in Gorkiy. Biul. VAGO no. 27:48-51 '60.

1. Gor'kovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo

(Gorkiy-Latitude--Measurement)





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KULAGIN, S.G.; KOVBASYUK, L.D.; DAGAYEV, M.M.; LAZAREVSKIY, V.S.;

DEMIDOVICH, Ye.G.; BRONSHTEN, V.A.; YAKHONTOVA, N.S. (Leningrad);

KUROCHKIN, N.Ye.; DOKUCHAYEVA, O.D.; SHCHERBINA-SAMOYLOVA, I.S.;

MASEVICH, A.G.; LIPSKIY, Yu.N.; MARTYNOV, D.Ye.; ARSENT'YEV, V.V.;

MOROZ, V.I.; MASEVICH, A.G.; PEREL', Yu.G.; BAKULIN, P.I., otv.

red.; KULIKOV, G.S., red.; AKHLAMOV, S.N., tekhn. red.

[Astronomical calendar; yearbook.Variable part, 1962] Astronomicheskii kalendar; ezhegodnik. Peremennaia chast, 1962. Red. kollegiia: P.I.Bakulin i dr. Moskva, Gos.izd-vo fiziko-matem. lit-ry, 1961. 259 p. (Vsesoiuznoe astronomo-geodezicheskoe obshchestvo, no.65) (MIRA 14:12)

1. Gosudarstvennoye astronomo-geodezicheskoye obshchestvo (for Kalugin, Kovbasyuk, Lazarevskiy, Demidovich). 2. Moskovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva (for Dagayev, Bronshten, Kurochkin).

(Astronomy—Yearbooks)

39993 S/035/62/000/008/012/090 A001/A101

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AUTHORS:

Kulagin, S. G. Kalachev, A. I.

TITLE:

Application of an optical analyzer to studying latitude variations

PERIODICAL:

Referativnyy zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 18, abstract 8A146 (In collection: "Predvarit, rezul'taty issled, kolebaniy shirot i dvizheniya polyusov Zemli, no. 2, Moscow, AN SSSR,

1961, 125 - 129, English summary)

TEXT: A special device, optical spectral and correlation analyzer, is proposed for the analysis of astronomical phenomena with respect to their periodicity and for calculations of amplitudes and phases of their periodic components. Three films are drawn in front of the aperture, whose length is D, of the optical analyzer. The process φ (x) being investigated is recorded on the one of the films, a sinusoidal signal with a smoothly varying frequency is presented on the second film (filter film), and the third one contains a sinusoidal signal in two halves in anti-phase. The aperture is illuminated with a light source, and the current at the output of photoelements is recorded. When the filter film moves relative to two other fixed ones at a certain speed V, the current at the output of photoelements contains three components which correspond to the main frequency and two Card 1/2

S/035/62/000/008/012/090 A001/A101

Application of an optical analyzer to....

side frequencies for the given speed. When the analyzer had been calibrated on the basis of processes with known periods, it is possible to single out from the process being investigated various periodic components, i.e., to find their periods, amplitudes and phases. The device was used for the analysis of observational curves of two bright zenith stars, carried out at Poltava by N. A. Popov in 1951 - 1956. Two processes were investigated: Behavior of systematic latitude differences out of processes were investigated: Behavior of systematic latitude differences out stars in different periods. The results were compared with the analysis data by Furich's method performed by N. A. Popov; a good agreement was found between both of them. The high efficiency of the device is noted in saving the time and calculation labor for studies of periodic processes in astronomy, in particular for studies of latitude variations. There are 7 references.

Kh. Potter

[Abstracter's note: Complete translation]

Card 2/2

S/169/65/000/005/011/042 D265/D307

AUSTIONS:

Demidovich, Ye.G. and Kulagin, S.G.

TITLE:

Observations of noctilucent clouds by the Gor'kovskoye otdeleniye VAGO (Gor'kiy Branch of VAGO) in

1960

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 3, 1963, 32, abstract 3Al89 (Tr. Soveshaniya po serebristym oblakam, 1961, T.3. Tallin, 1962, 157-163 (Eng. summary))

TEXT: Five sightings of noctilucent clouds were recorded in the period of observation (from May to August 1960). A converging table of patrolling of noctilucent clouds is given. The sightings were compared with synoptic conditions. It was found that during the nights of 25-26th, 26-27th, 27-28th, noctilucent clouds were observed under anticyclone conditions.

[Abstracter's note: Complete translation]

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EAKULIN, P.I., otv. red.; DAGAYEV, M.M., red.; KULAGIN, S.G., red.;
KUROCHKIN, N.Ye., red.; MASEVICH, A.G., red.; RAKHLIN, I.Ye.,
red.; ERUDNO, K.F., tekhn. red.

[Astronomical calendar. Yearbook for 1963. Varying part]
Astronomicheskii kalendar'. Ezhegodnik. Peremennaie chast',
1963. Red. kollegia: P.I.Bekulin i dr. Moskva, Fizmatgiz,
1962. 287 p. (Vsesoiuznoe astronomo-geodezicheskoe obshchestvo,
no.66)

(MIRA 15:12)

(Astronomy—Yearbooks)

3/269/63/000/004/009/030 A001/A101

AUTHORS:

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TITLE:

Observations of noctilucent clouds in the Gor'kiy branch of VAGO in

1960

PERIODICAL:

Referativnyy zhurnal, Astronomiya, no. 4, 1963, 28, abstract 4.51.275 ("Tr. Soveshchaniya po serebristym oblakam, 1961, v. 3",

Tallin, 1962, 157 - 163, English summary)

TEXT: Five cases of appearance of noctilucent clouds were noted during the period of observations (June, July, and partially also May and August 1960). The summary table of patrol service is presented. The occurrence of noctilucent clouds was compared with synoptic conditions. It turned out that in nights 25 - 26, 26 - 27 and 27 - 28 June, noctilucent clouds were observed under conditions of anticyclone.

N. R.

[Abstracter's note: Complete translation]

Card 1/1